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Who owns the majority stake in X Energy?

X Energy's existing equity holders are expected to have a more than 60% stake in the merged entity after the deal with Ares Acquisition closes. Ares Acquisition is affiliated with Ares Management.

Will X-Energy develop a Xe-100 nuclear reactor?

In March 2023, X-energy and Dow Inc agreed to develop a grid-scale next-generation Xe-100 nuclear reactor at one of Dow's sites on the U.S. Gulf Coast.

Who is X-Energy CEO Clay Sell?

Former Deputy Secretary of Energy of the DOE, Clay Sell, was appointed CEO of X-energy in 2019.

What is X Energy & Energy Northwest partnering with ARDP?

On April 1, 2021, X-energy, Energy Northwest, and the Grant County Public Utility District signed a memorandum of understanding establishing the mutual partnership to support the development and commercial demonstration of the country's first advanced reactor. DOE's ARDP.

How much electricity does the Xe-100 reactor generate?

The standard Xe-100 "four-pack" plant generates approximately 320MWe. For more information, please see the Xe-100 reactor pre-application documents (NRC Docket 99902071). To subscribe to the X-energy Xe-100 email service, select X-Energy Xe-100 from the Advanced Reactors list after entering your email into the GovDelivery system.

About X-Energy Reactor Company, LLC. X-Energy Reactor Company, LLC, is a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation that is redefining the nuclear energy industry through its development of safer and more efficient reactors and proprietary fuel to deliver reliable, zero-carbon ...

Newer Post X-energy and Kinectrics Sign MOU to Support Establishment of Helius Clean Energy Innovation Centre. Older Post X-energy and Cameco to Explore Collaboration to Support Xe-100 Small Modular ...

As a company, EnergyX has a mission to power the future. Founded by serial entrepreneur, Teague Egan, and a team of the world's leading scientists and sustainable energy veterans, EnergyX is creating revolutionary technology to support the shift to clean energy and enable lithium-powered batteries, products, and applications.

X Energy General Information Description. X-Energy Inc is a leading developer of advanced SMR and fuel technology for clean energy generation. It is seeking to redefine the nuclear energy industry through its flagship product, the Xe-100, an advanced small modular HTGR designed to generate up to 80 megawatts of



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electric power and/or up to 200 megawatts of thermal output, ...

OAK RIDGE, Tn., April 23, 2024 - X Energy, LLC ("X-energy") has been awarded a \$148.5 million tax credit for the construction by its wholly-owned subsidiary, TRISO-X LLC ("TRISO-X"), of a first-of-a-kind advanced nuclear fuel ...

Because X-energy produces its own Triso fuel and the Xe-100 is a radically simplified reactor, X-energy can disrupt the broken nuclear product delivery model and create more value for ...

ROCKVILLE, MD - December 5, 2023 - X-Energy Reactor Company, LLC ("X-energy" or the "Company"), a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation, announced that it has completed its Series C financing round with an additional \$80 million from Ares Management Corporation and X-energy Founder, Kam ...

Reviews from X-Energy employees about X-Energy culture, salaries, benefits, work-life balance, management, job security, and more. Home. Company reviews. Find salaries. Sign in. Sign in. Employers / Post Job. 1 new update. Start of main content. X-Energy. 3.4 out of 5 stars. 3.4. 5 reviews. Follow. Write a review ...

Nuclear Energy & Space X-energy was founded by successful entrepreneur Kam Ghaffarian, whose other companies include Axiom Space, selected by NASA to build a replacement for the International Space Station and Intuitive Machines, which is building the next spacecraft that will land on the moon in 2021. EOE Statement An Equal Opportunity Employer.

Overview X-energy is a Rockville, Maryland-based company employing global tech experts, scientists, researchers and engineers with deep experience in High Temperature Gas Reactors (HTGRs) and in the TRISO fuel that powers them. X-energy recently established Xe-100 Canada recognizing that Canada's nuclear expertise, track record, and respected international ...

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The U.S. Nuclear Regulatory Commission (NRC) is currently engaged in pre-application activities with X Energy, LLC. (X-energy) starting in September 2018. X-energy is a Rockville, MD company designing the Xe-100 reactor which is a ...

The Xe-100 reactor is a small modular nuclear reactor developed by X-energy. It is based on High-Temperature Gas-cooled Reactor (HTGR) technology. X-energy's nuclear technology represents the next generation of clean, safe, ...



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X-Energy specializes in high-temperature, gas-cooled reactors, an approach that fell out of favor in the U.S. and Europe but as new designs emerged was more recently revived in Japan and China. When built, X ...

I am a highly skilled and self-driven carbon/graphite scientist with a Ph.D. in Chemical... · Experience: X-energy · Education: East China University of Science and Technology · Location ...

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X Energy Reactor Company, LLC ("X-energy") is a leading developer of small modular nuclear reactor and fuel technology for clean energy generation that is redefining the nuclear energy industry through its development of safer and more efficient advanced small modular nuclear reactors and proprietary fuel to deliver reliable, zero-carbon ...

Legal Name X-Energy, LLC. Company Type For Profit; Contact Email slevenback@x-energy ; Phone Number (301) 358-5600; X-energy is a developer of advanced modular nuclear reactors and fuel technology for clean energy generation. The company manufactures fuel that seals uranium particles in a protective coating, making meltdown impossible.

ROCKVILLE, Md., October 16, 2024 - X-Energy Reactor Company, LLC ("X-energy"), a leader in advanced nuclear reactor and fuel technology, today announced a Series C-1 financing round of approximately \$500 million, anchored by Amazon , Inc. ("Amazon"). The investment will help meet growing energy demands by funding the completion of ...

3 · OAK RIDGE, Tn., April 23, 2024 - X Energy, LLC ("X-energy") has been awarded a \$148.5 million tax credit for the construction by its wholly-owned subsidiary, TRISO-X LLC ("TRISO-X"), of a first-of-a-kind advanced nuclear fuel fabrication facility ("TX-1") in Oak Ridge, Tennessee. Funded by the Inflation Reduction Act of 2022, the ...

Discover how X-energy's Board of Directors is guiding the company toward a sustainable, nuclear-powered future. Xe-100 Xe-Mobile Triso-X ... X-Energy Reactor Company, LLC, is governed by leaders with decades of experience directing and managing public and private companies across the energy, space, technology, and commodities sectors. ...

ROCKVILLE, Maryland, July 21, 2022 - X-energy today announced a significant step toward the creation of a unique energy delivery model with the selection of Zachry Group and the combined team of Burns & McDonnell and Day & Zimmermann as constructors to collaborate and work with the company on the next phases of design and deployment of its Xe-100 advanced reactor fleet.

WARRINGTON, England - X-Energy UK Holdings, Ltd ("X-energy"), a wholly-owned subsidiary of



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X-Energy Reactor Company, LLC, and Cavendish Nuclear, a wholly-owned subsidiary of Babcock International, today welcomed a funding award from the UK Government's Future Nuclear Enabling Fund ("FNEF") to further the development of their plans for Advanced ...

At X-energy, Harlan has responsibility for execution of X-energy's Project under the Department of Energy (DOE) Advanced Reactor Demonstration Program. This includes Xe-100 commercial reactor development, TRISO ceramic-coated fuel development, NRC licensing, operational readiness, and nuclear power plant construction planning.

OAK RIDGE, Tn., September 30, 2024 - X-energy Reactor Company, LLC ("X-energy" or the "Company"), a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation, today ...

Contact us for free full report

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